

FIGURE 1
SENDER / MONITOR SYSTEM

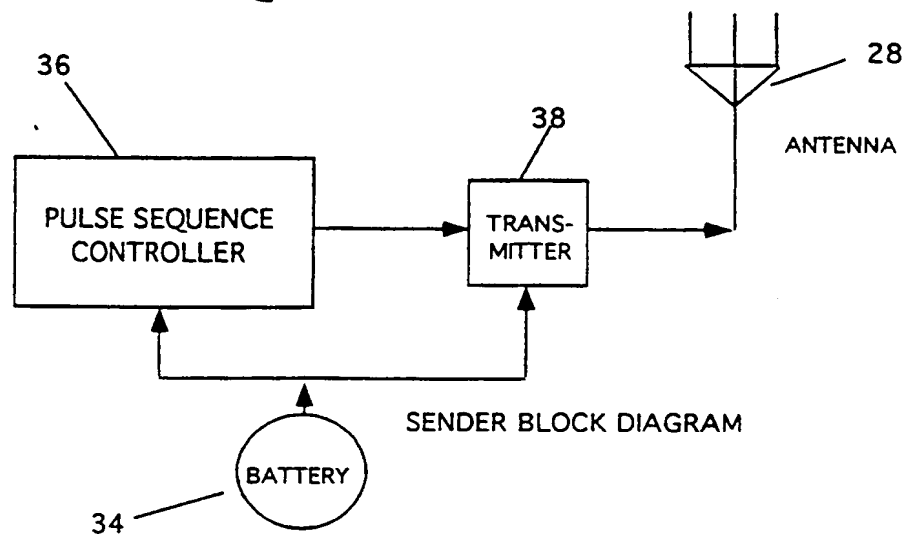
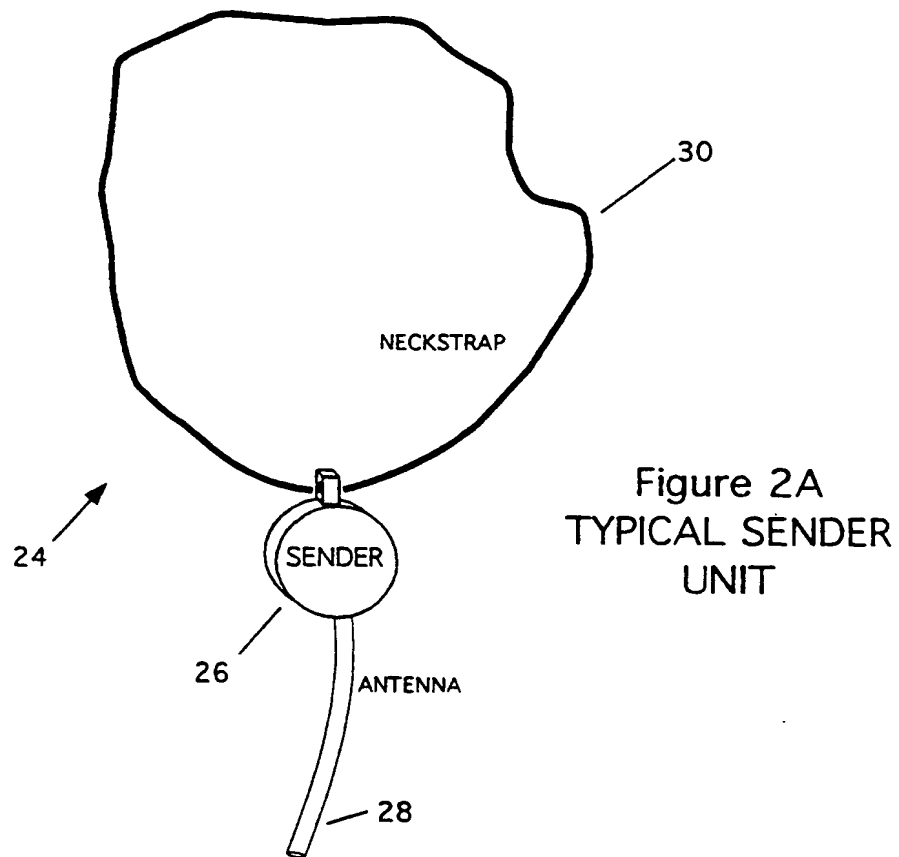


FIGURE 2B
SENDER CONFIGURATION

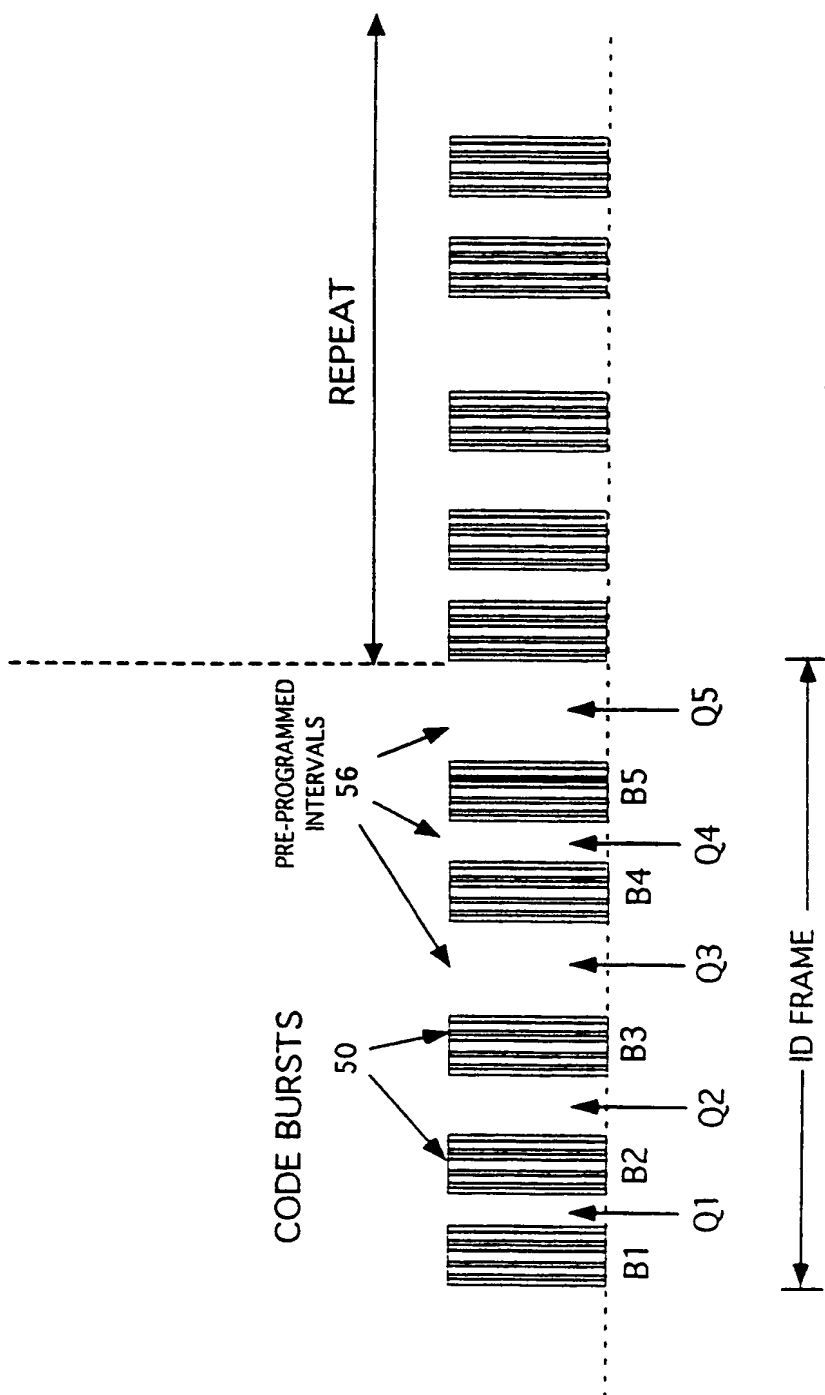


FIGURE 3
PULSE SEQUENCE, SERIAL CODE EMBODIMENT

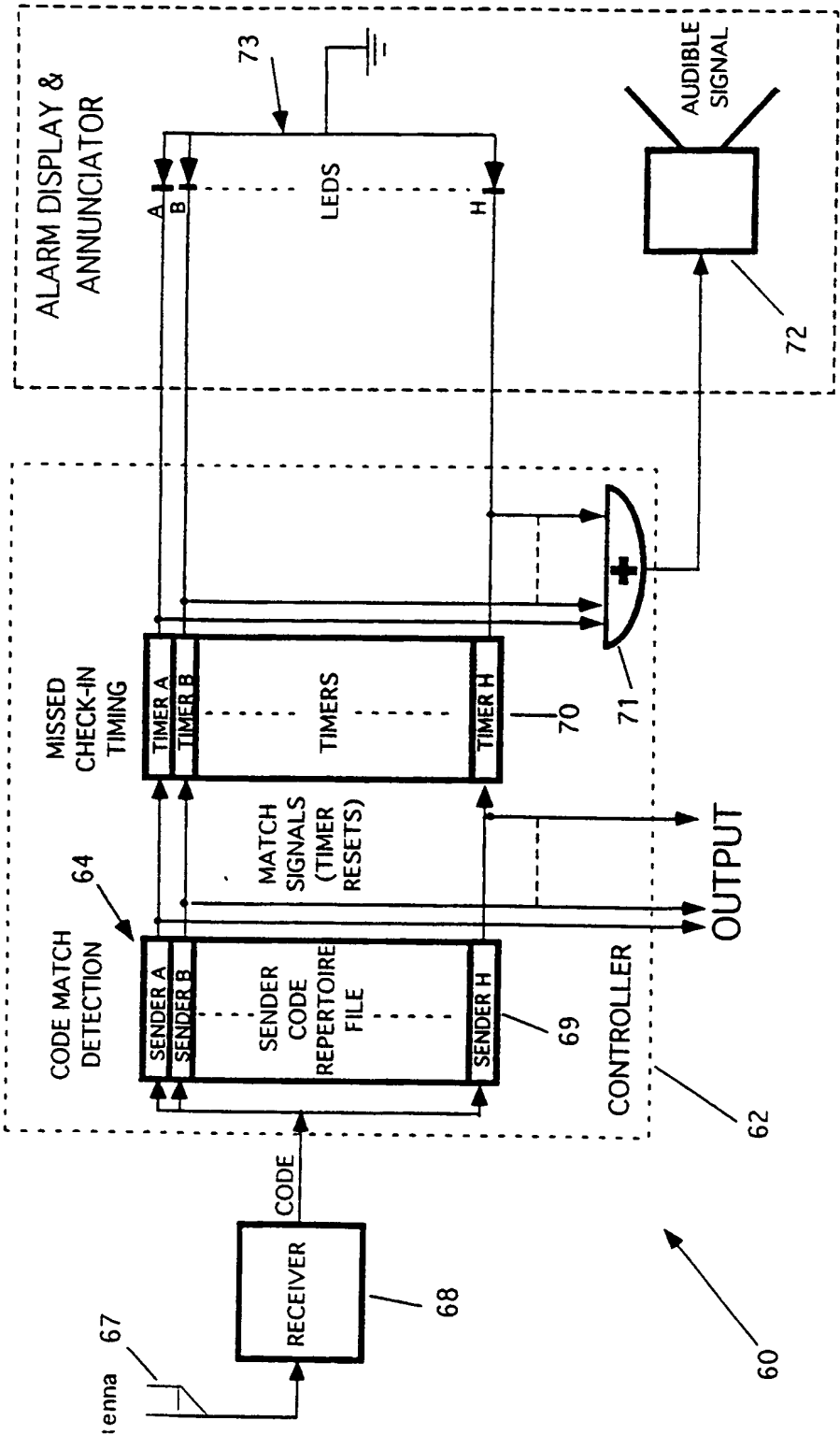


FIGURE 4
MONITOR BLOCK DIAGRAM,
SERIAL CODE EMBODIMENT

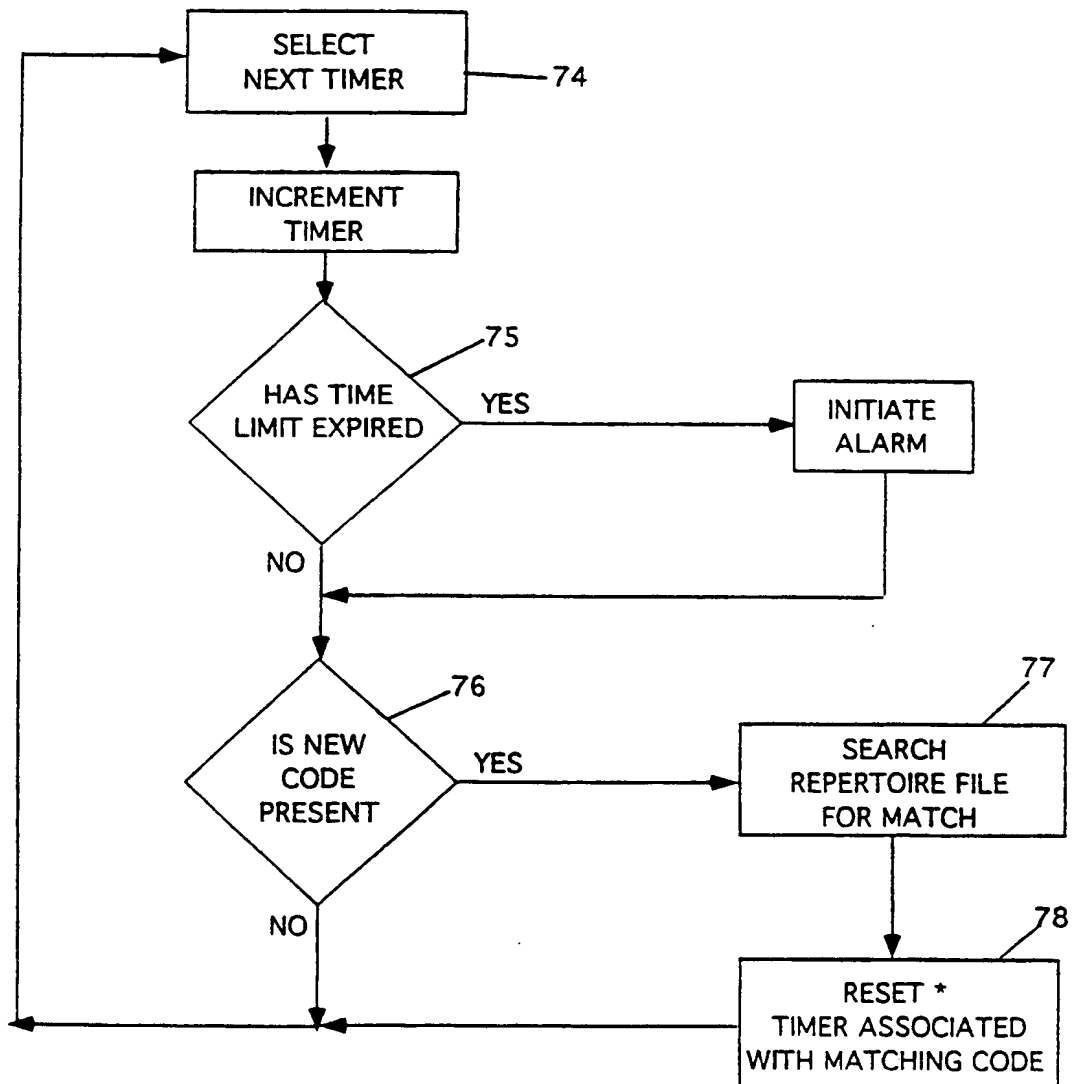


FIGURE 5
FLOW CHART, CHECK-IN SEQUENCE AT THE MONITOR
SERIAL CODE EMBODIMENT

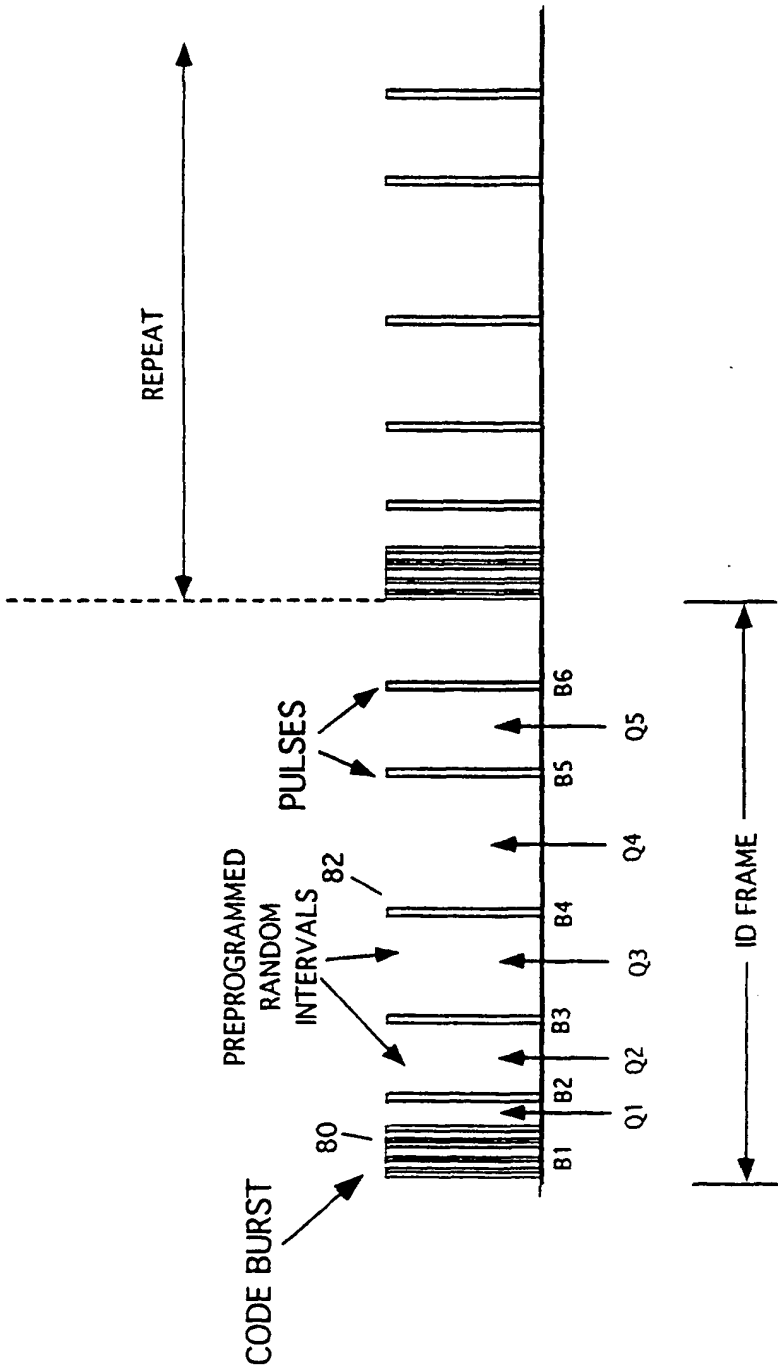


FIGURE 6
PULSE SEQUENCE, CODE/PULSE EMBODIMENT

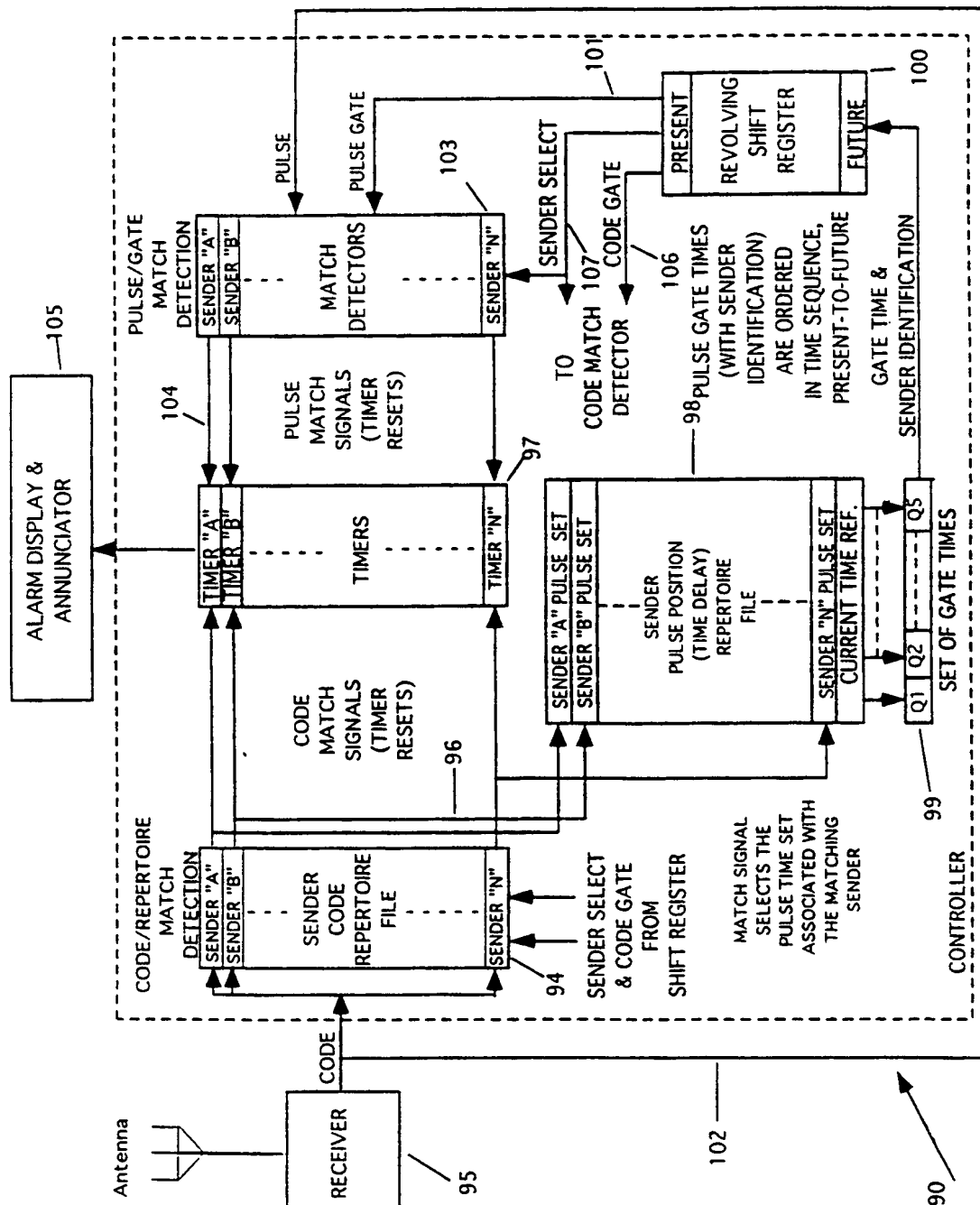
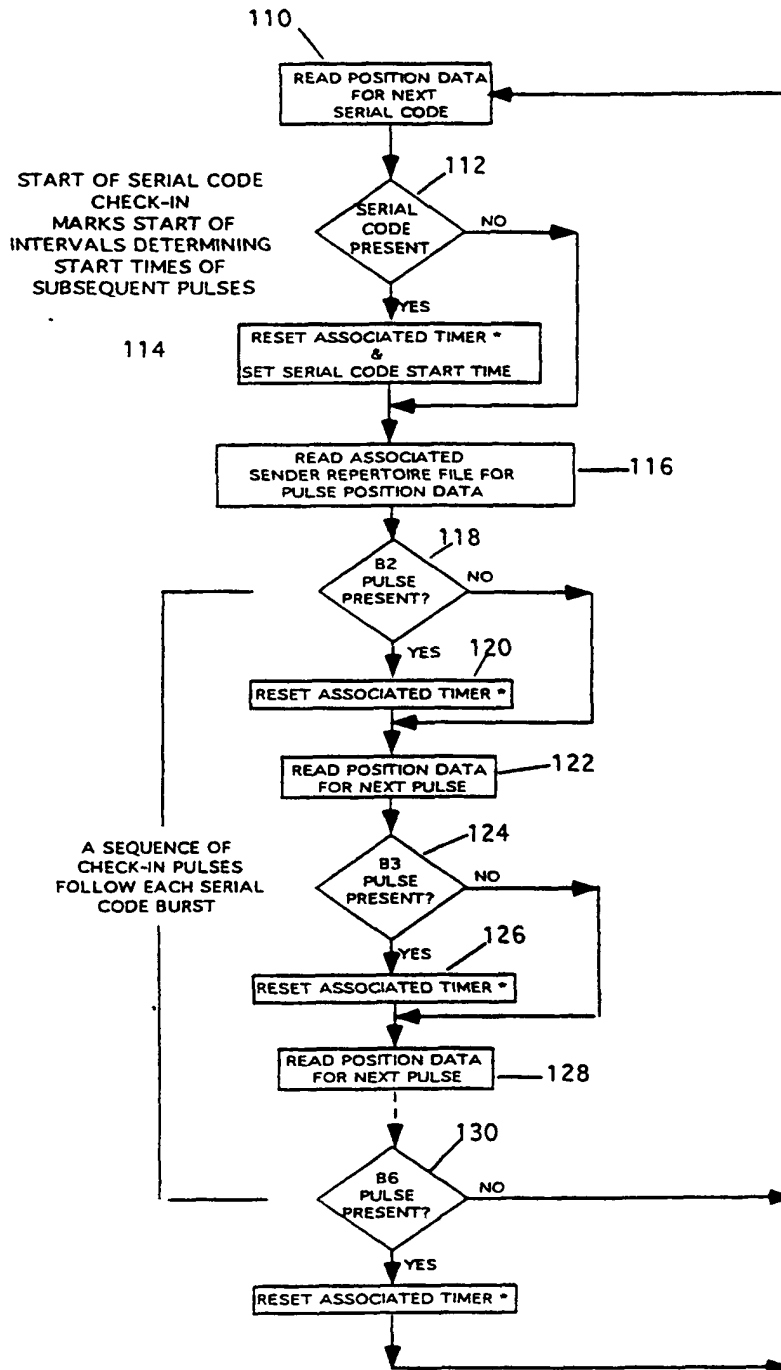


FIGURE 7
MONITOR BLOCK DIAGRAM, CODE/PULSE EMBODIMENT



NOTE THAT THIS CHART
DEPICTS THE CHECK-IN
SEQUENCE AT THE
MONITOR FOR JUST ONE
SENDER. ALL OTHER
ACTIVE SENDER'S CODES
ARE INTERLEAVED
WITH THIS

FIGURE 8
FLOW CHART, CHECK-IN SEQUENCE AT THE MONITOR FOR ONE SENDER
IN THE CODE/PULSE EMBODIMENT

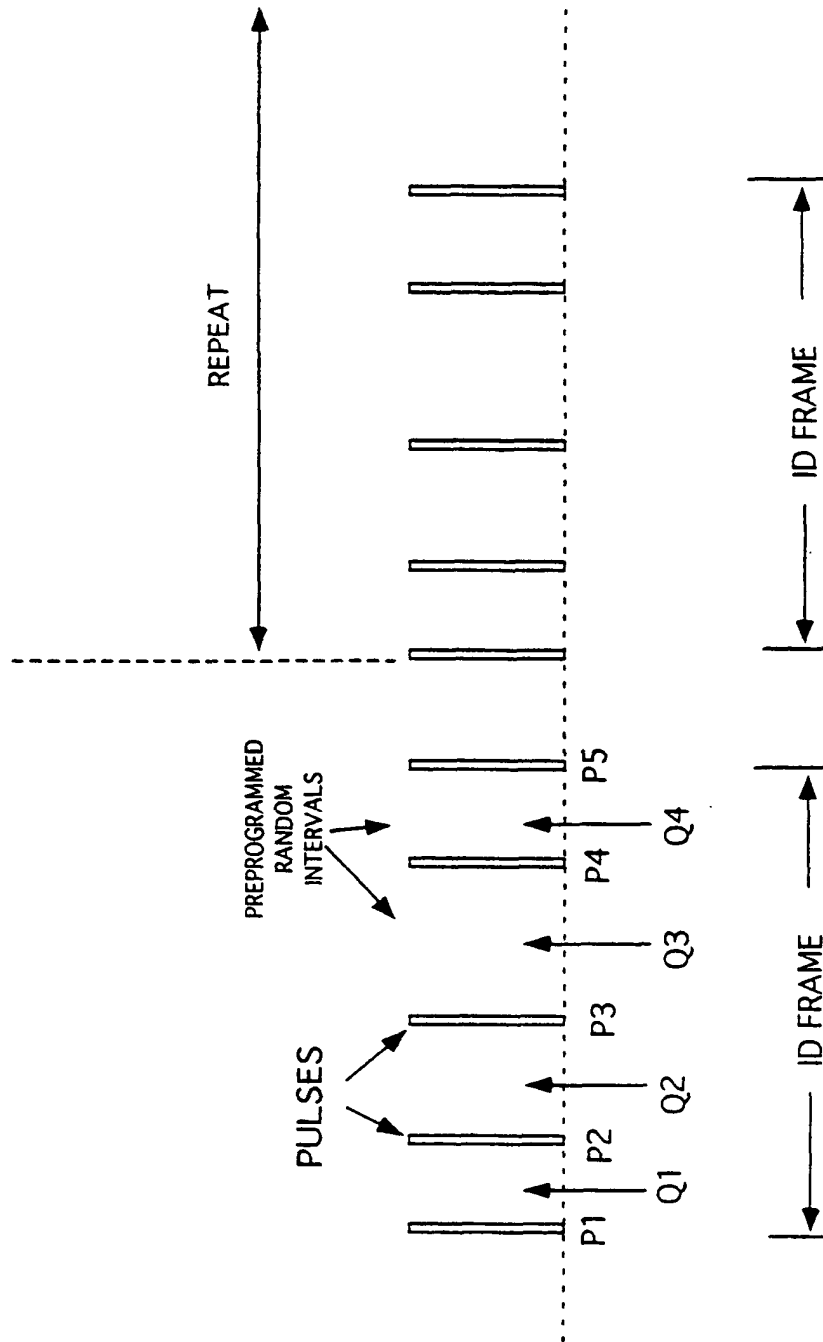


FIGURE 9
PULSE SEQUENCE, PULSE CODE EMBODIMENT
PULSE-ONLY VARIANT OF SERIAL PULSE EMBODIMENT

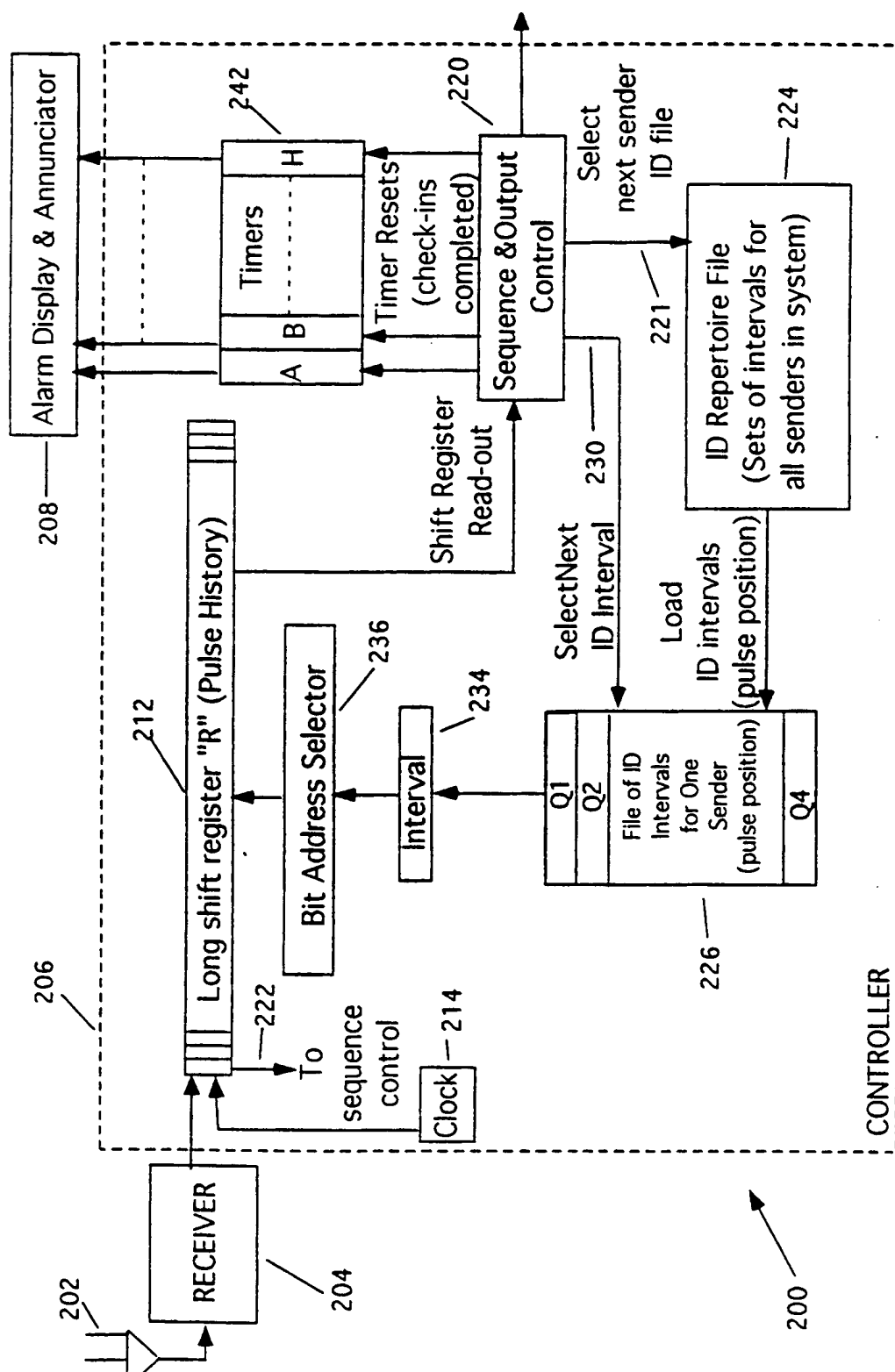


FIGURE 10
MONITOR BLOCK DIAGRAM
PULSE CODE EMBODIMENT

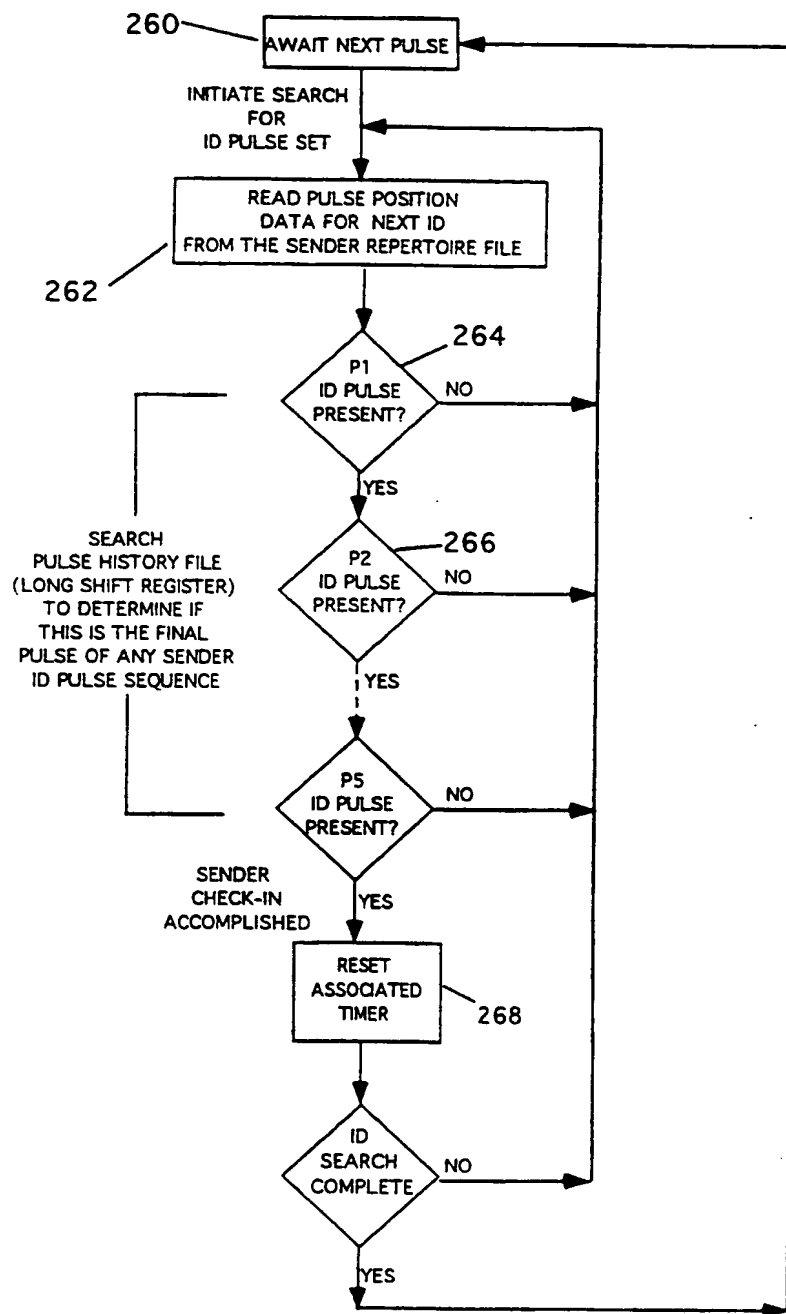


FIGURE 11
FLOW CHART, CHECK-IN SEQUENCE AT THE MONITOR FOR ONE SENDER,
PULSE CODE EMBODIMENT

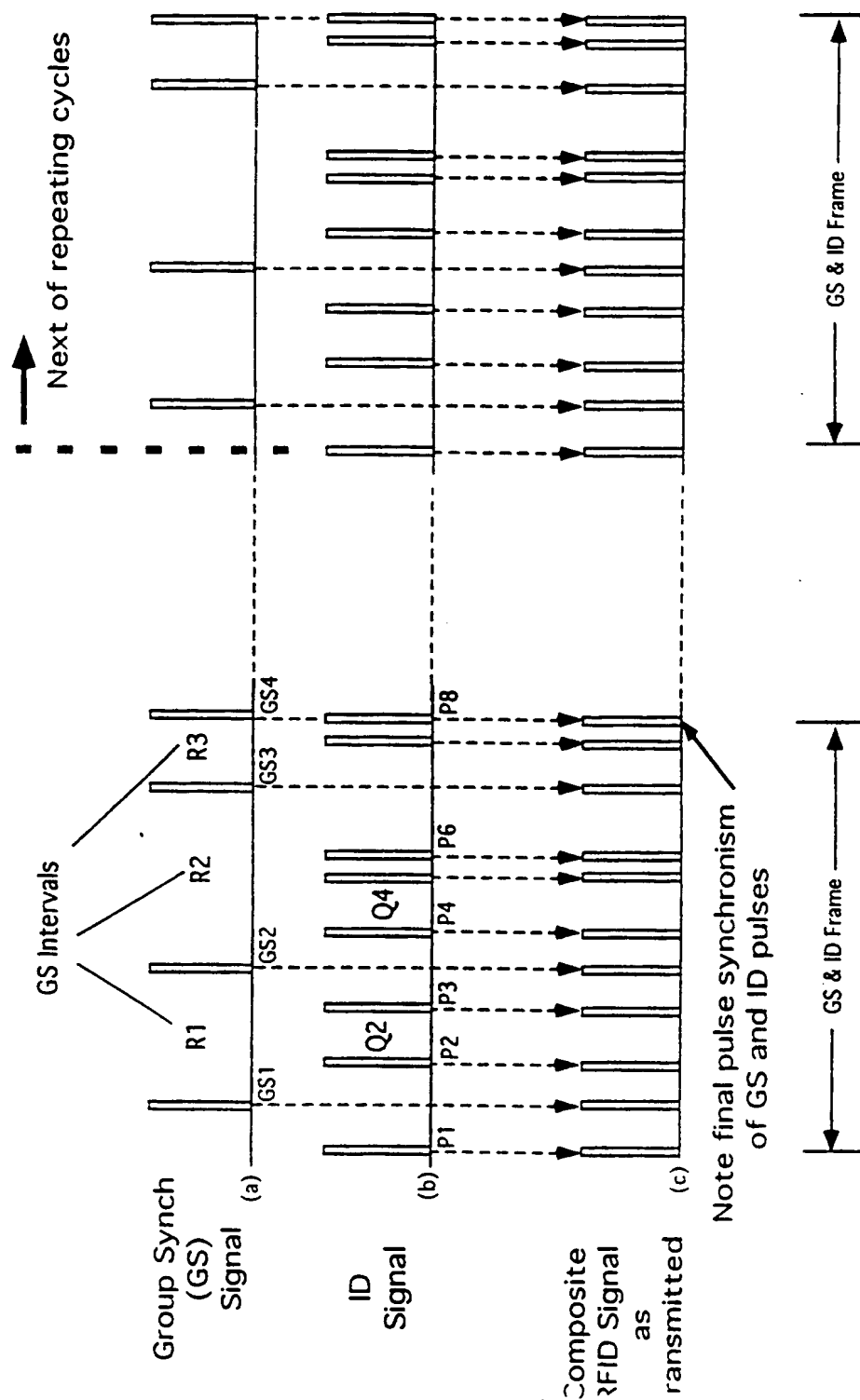


FIGURE 12
PULSE SEQUENCE, GROUP SYNCH EMBODIMENT

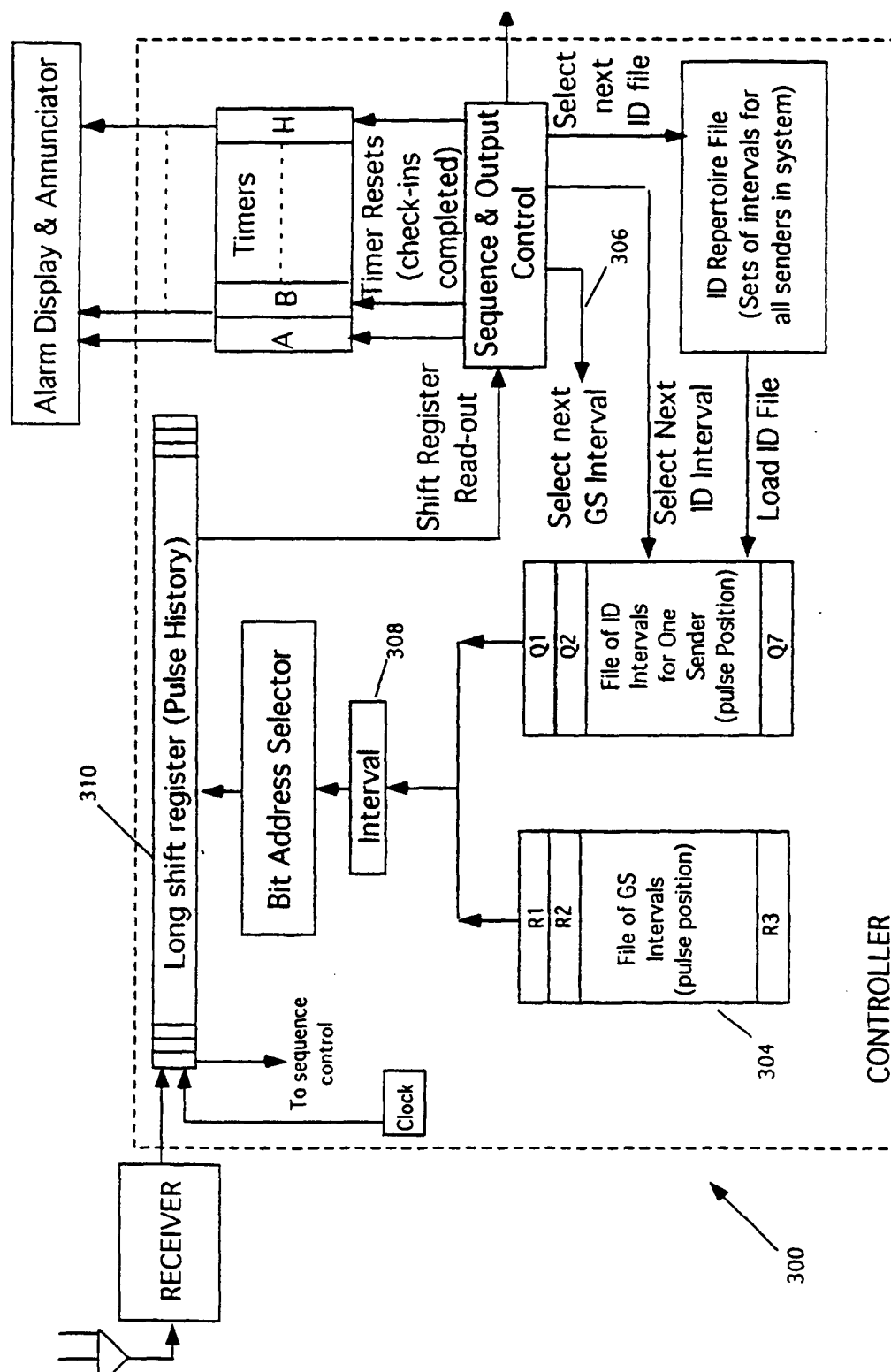


FIGURE 13
MONITOR BLOCK DIAGRAM
PULSE/GROUP SYNCH EMBODIMENT

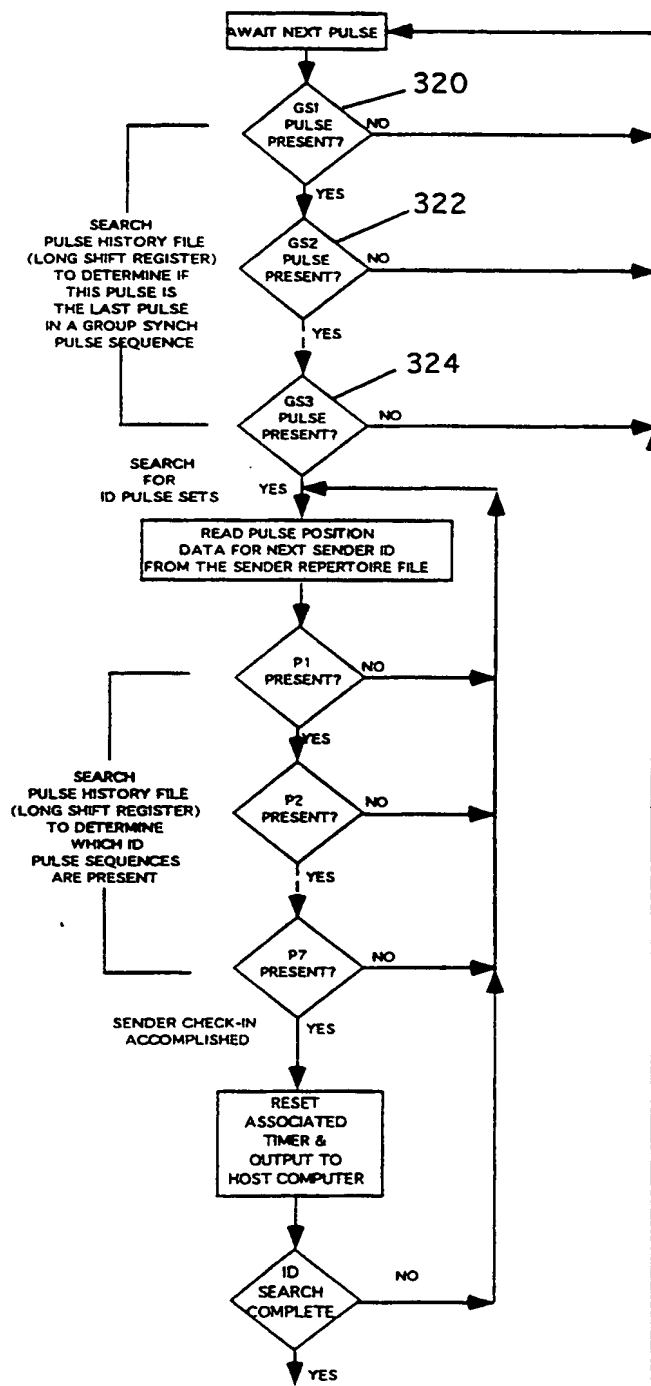


FIGURE 14
FLOW CHART, CHECK-IN SEQUENCE AT THE MONITOR FOR ONE SENDER,
GROUP SYNC EMBODIMENT

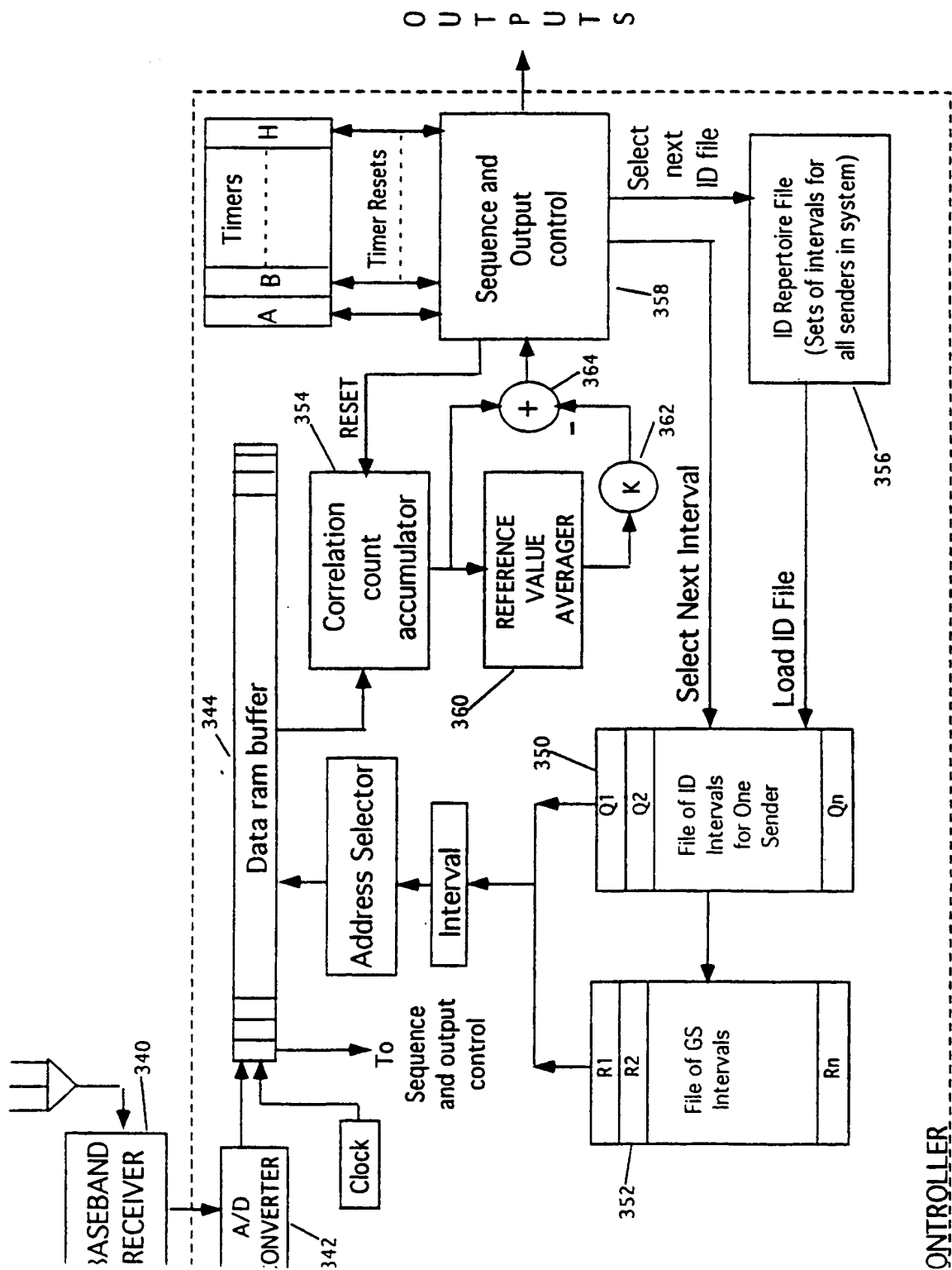


FIGURE 15
FUNCTIONAL BLOCK DIAGRAM
MONITOR WITH GROUP SYNCH AND CORRELATION DETECTION

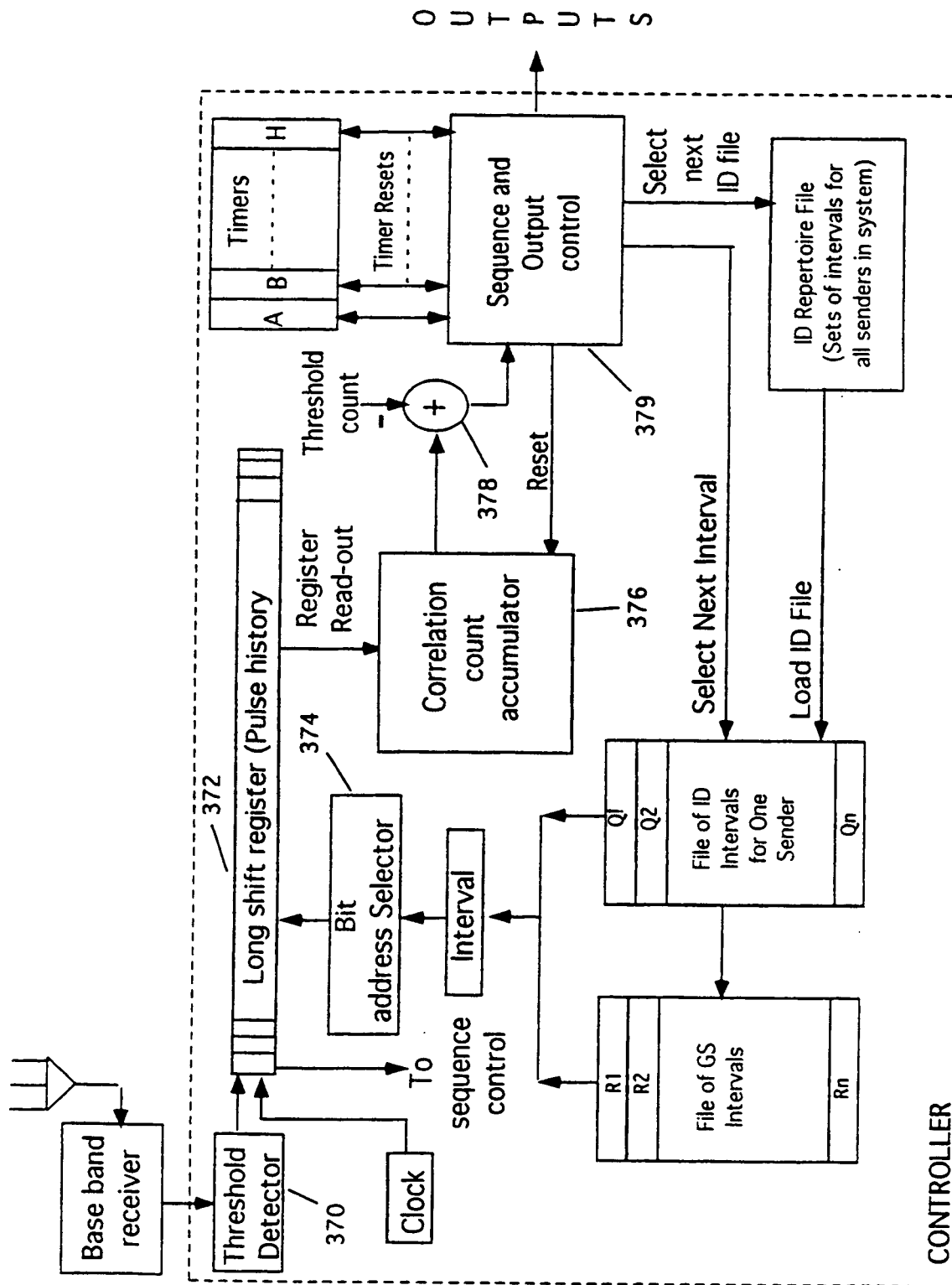


FIGURE 16
FUNCTIONAL BLOCK DIAGRAM
MONITOR WITH GROUP SYNCH AND BINARY CORRELATION DETECTION

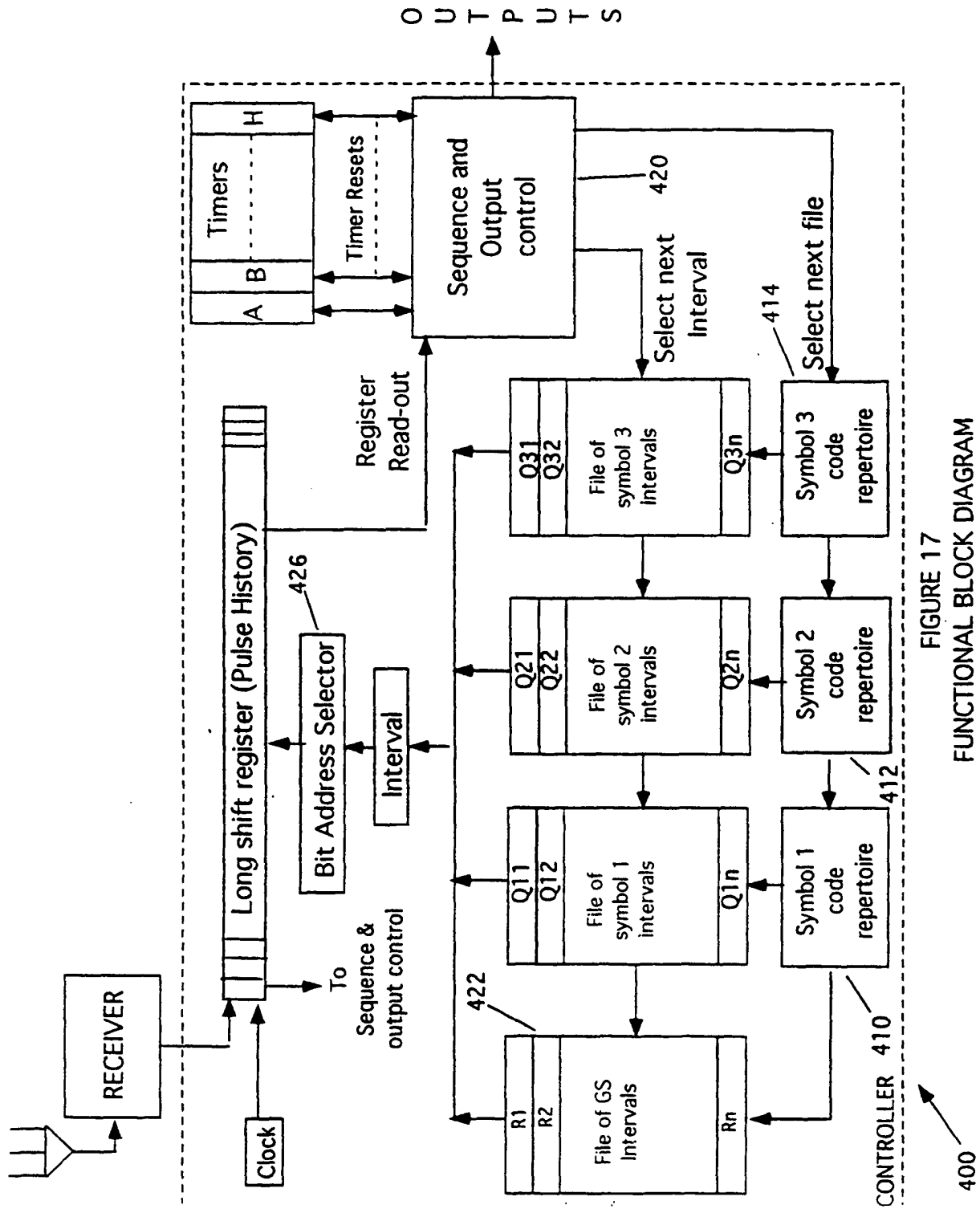


FIGURE 17

FUNCTIONAL BLOCK DIAGRAM
MONITOR WITH GROUP SYNC AND SYMBOL BASED DETECTION

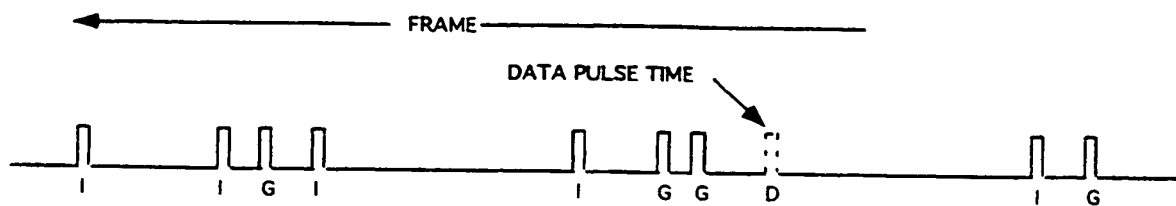


FIGURE 18
WAVEFORM WITH SINGLE DATA PULSE POSITION
FOR PULSES INTEGRATED OVER TIME

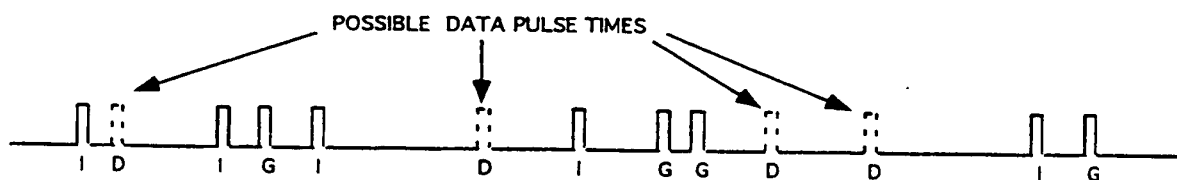


FIGURE 19
WAVEFORM WITH FOUR POSSIBLE POSITIONS
FOR MULTIPLE DATA PULSES EACH INTEGRATED OVER TIME

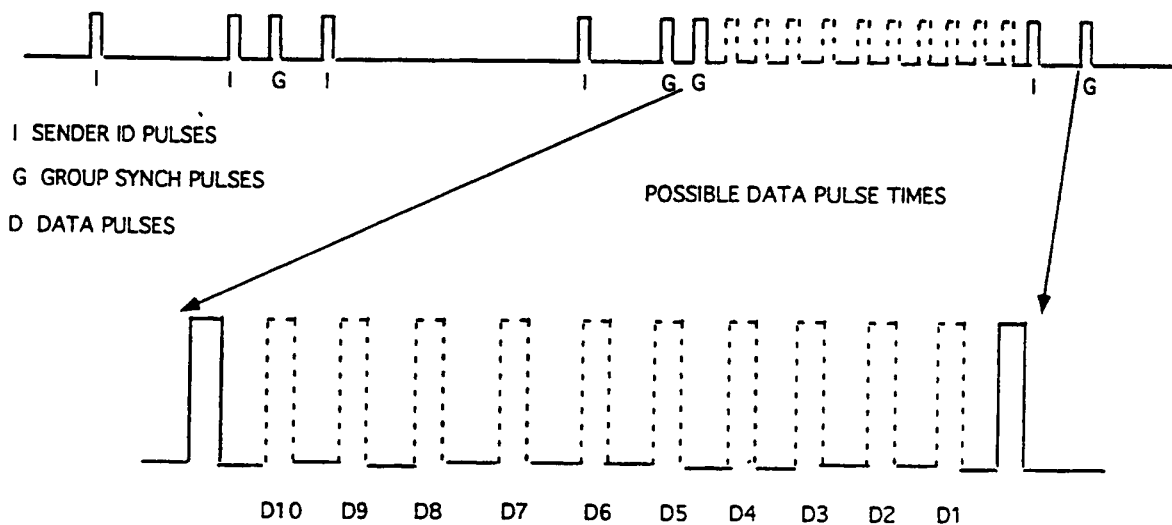


FIGURE 20
WAVEFORM WITH TEN POSSIBLE POSITIONS FOR A SINGLE DATA PULSE
INTEGRATED OVER TIME

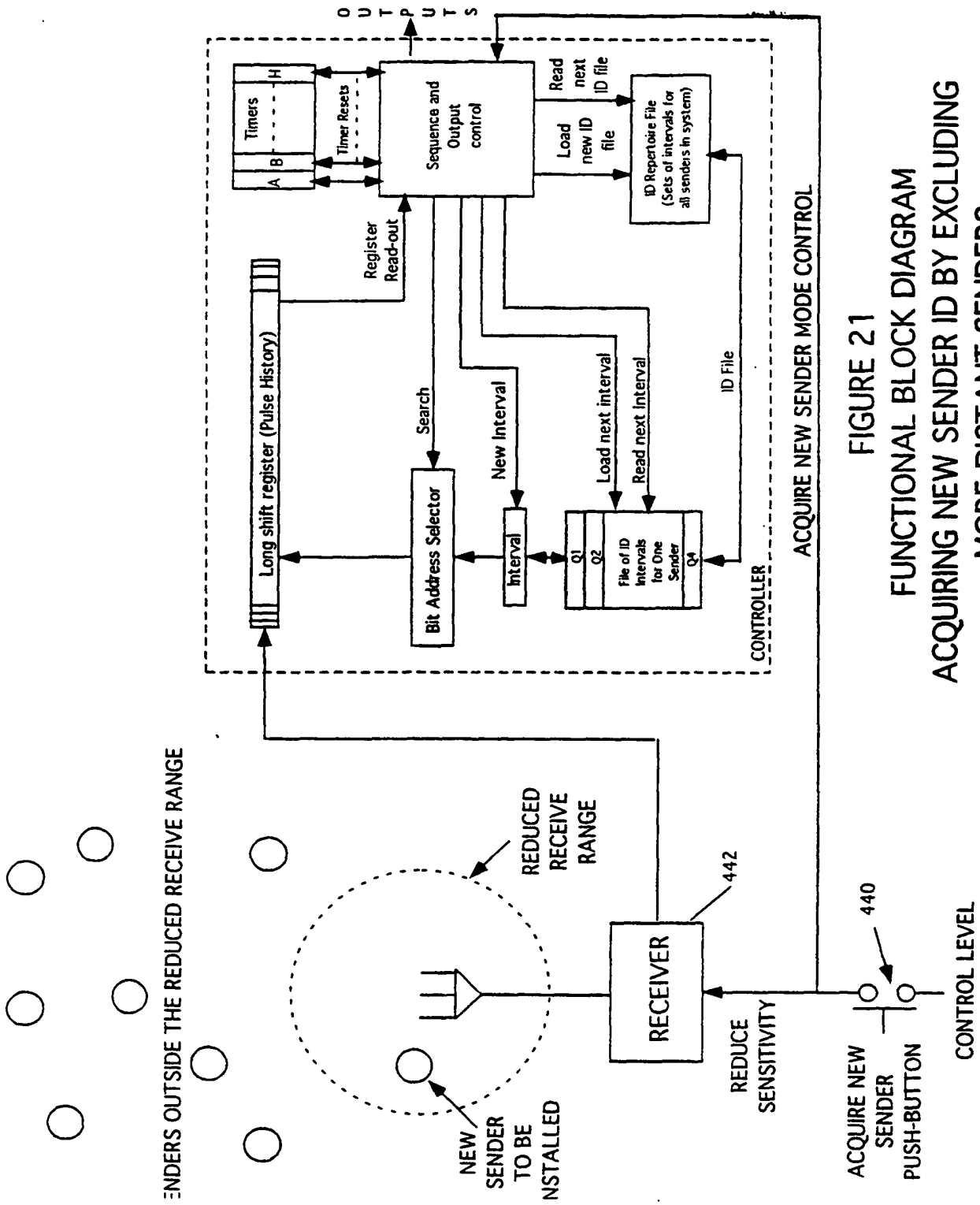


FIGURE 21
FUNCTIONAL BLOCK DIAGRAM
ACQUIRING NEW SENDER ID BY EXCLUDING
MORE DISTANT SENDERS

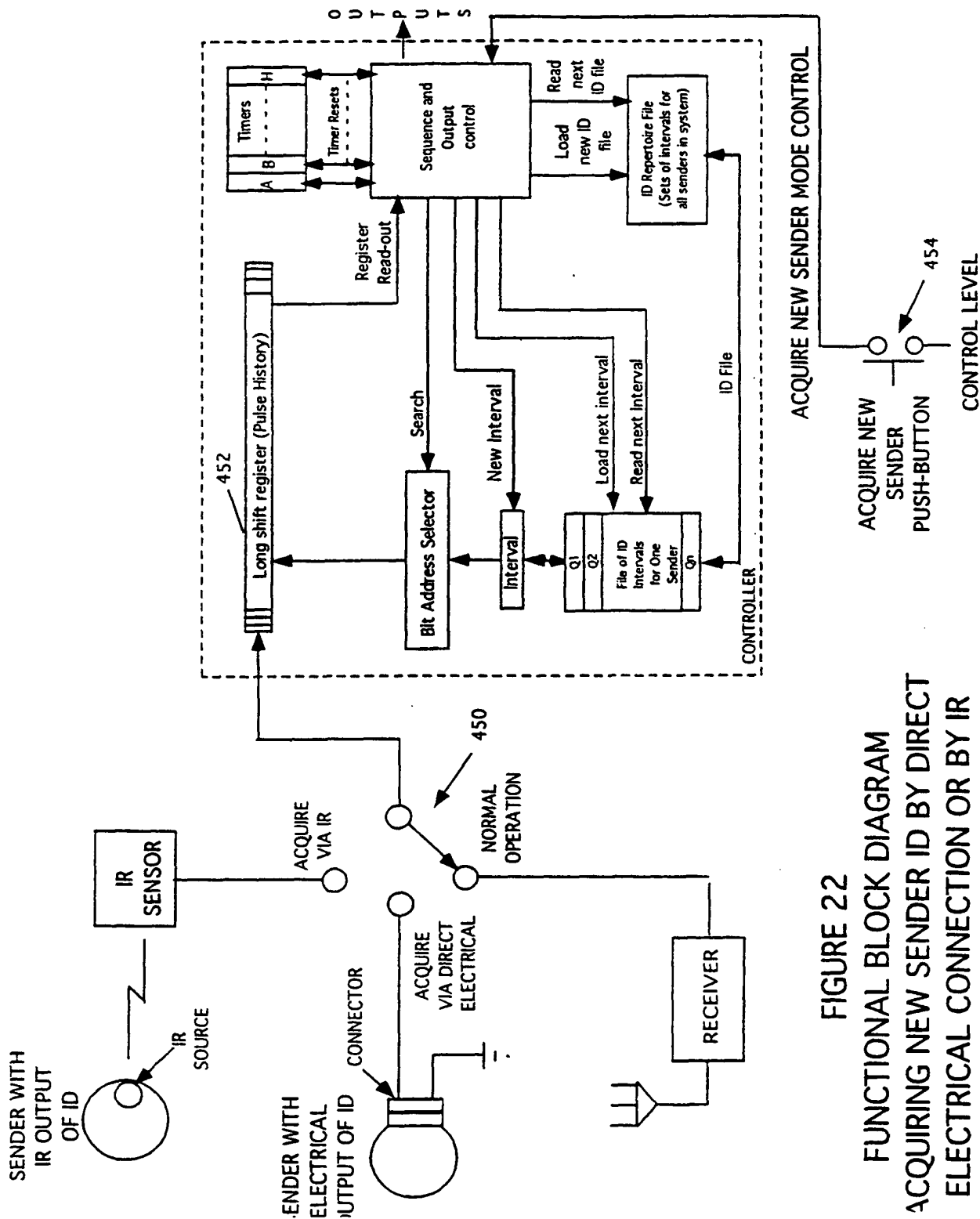


FIGURE 22
FUNCTIONAL BLOCK DIAGRAM
ACQUIRING NEW SENDER ID BY DIRECT
ELECTRICAL CONNECTION OR BY IR

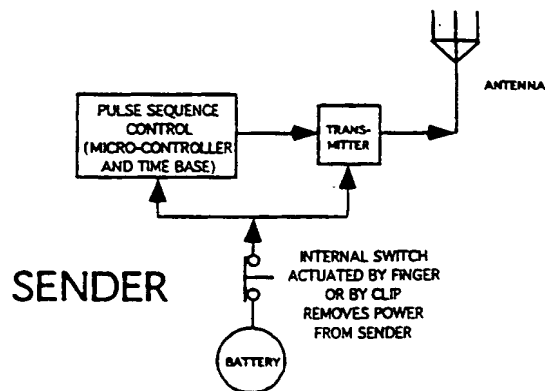


FIGURE 23A
FUNCTIONAL BLOCK DIAGRAM,
SENDER WITH SWITCH ACTUATED
POWER CONTROL

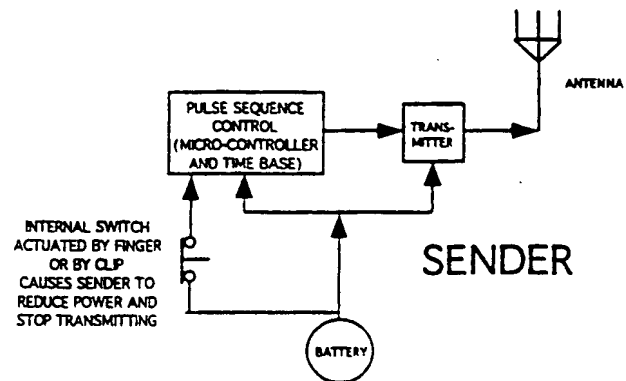


FIGURE 23B
FUNCTIONAL BLOCK DIAGRAM,
SENDER WITH SWITCH ACTUATED
MODE CONTROL

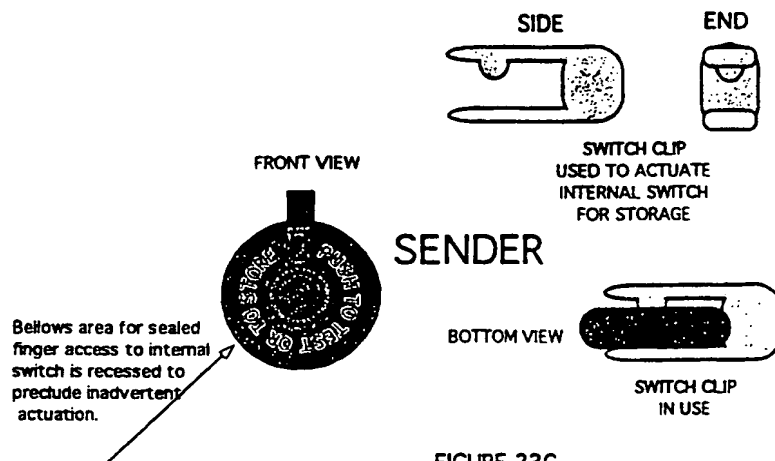


FIGURE 23C
MOB SENDER WITH FINGER CONTROL
OR SWITCH CLIP CONTROL OF OPERATION

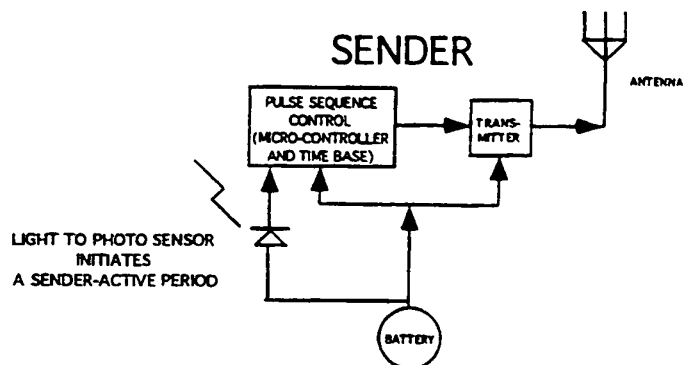


FIGURE 23D
FUNCTIONAL BLOCK DIAGRAM,
SENDER WITH PHOTO SENSOR
TO CONTROL ON/OFF OPERATION

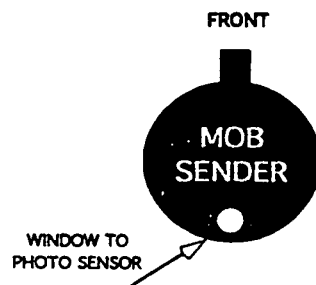


FIGURE 23E
SENDER WITH PHOTO SENSOR

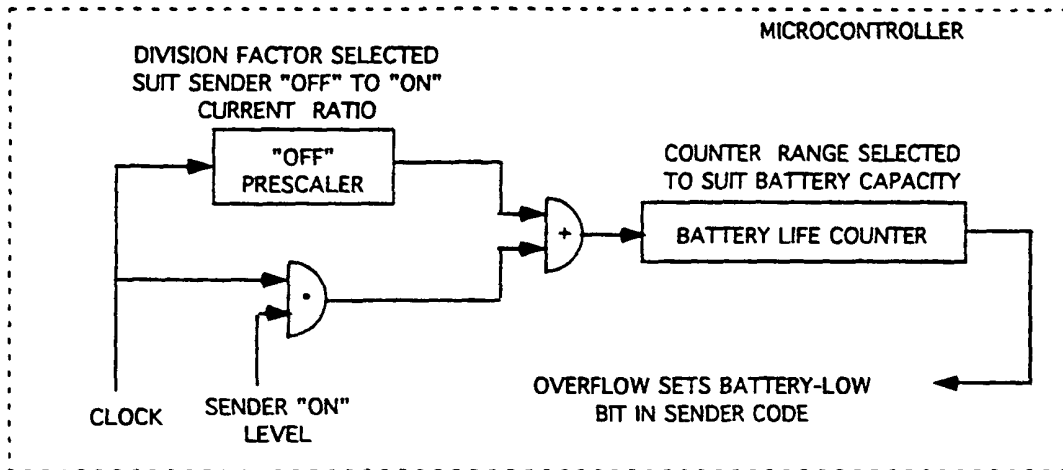


FIGURE 24A
FUNCTIONAL BLOCK DIAGRAM,
METHOD OF LOGGING SENDER'S BATTERY USE,
PREDICTING IT'S END-OF-LIFE,
AND REPORTING VIA THE BATTERY STATUS BIT

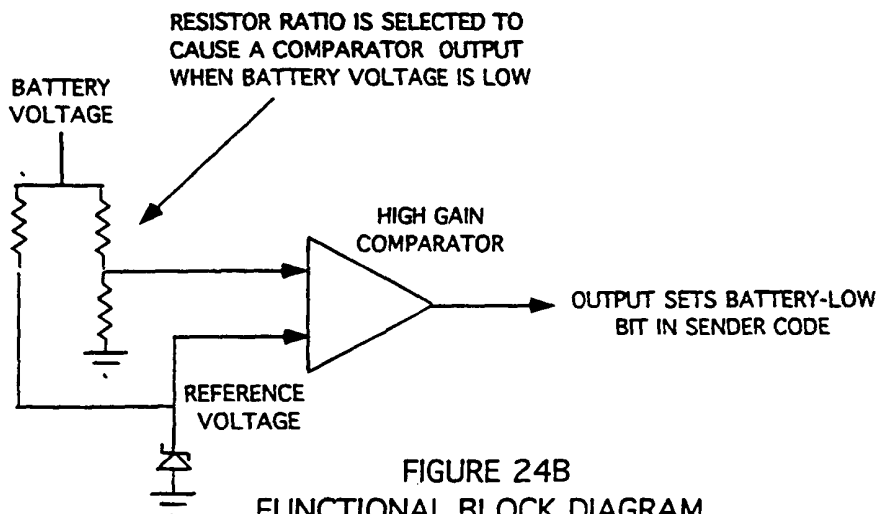


FIGURE 24B
FUNCTIONAL BLOCK DIAGRAM.
METHOD OF DISCERNING LOW SENDER BATTERY VOLTAGE
AND REPORTING VIA THE BATTERY STATUS BIT

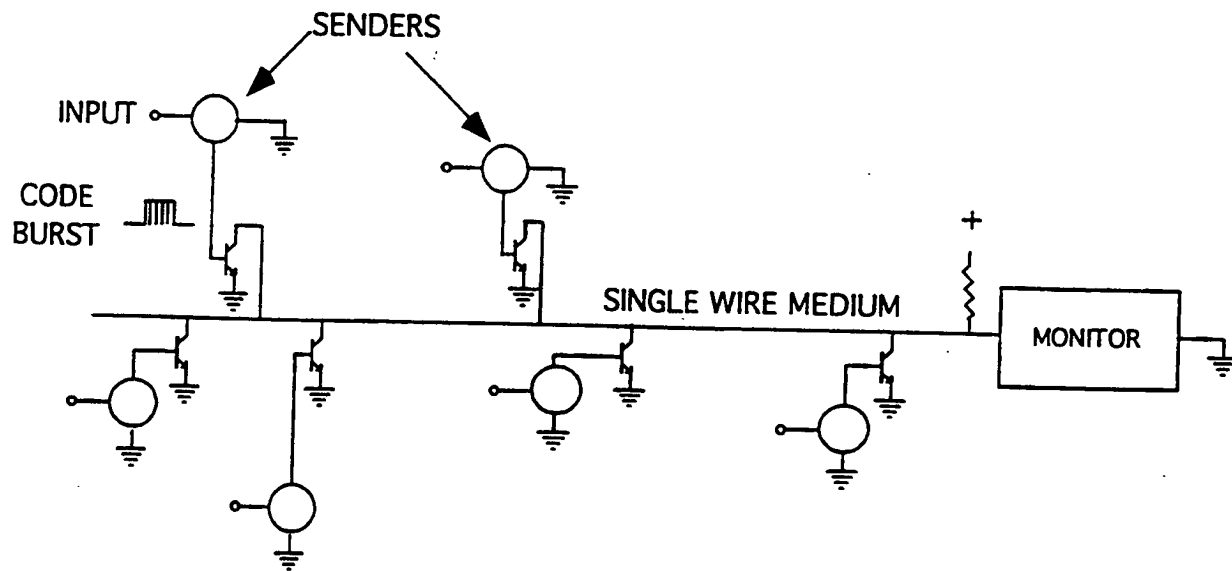


FIGURE 25
SENDERS AND MONITOR
USING A SINGLE WIRE MEDIUM